

Boron, tetraethylbis[«mu»-(1H-pyrazolato-N1:N2)]di-

Other names:	4,4,8,8-Tetraethylpyrazabole
Inchi:	InChI=1S/C14H26B2N4/c1-5-15(6-2)17-11-9-13-19(17)16(7-3,8-4)20-14-10-12-18(15)20
InchiKey:	RJWRZTOOJISKSW-UHFFFAOYSA-N
Formula:	C14H26B2N4
SMILES:	CC[B-]1(CC)n2ccc[n+]2[B-](CC)(CC)[n+]2cccn21
Mol. weight [g/mol]:	272.00
CAS:	14695-69-3

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.63		Crippen Method
logp	1.935		Crippen Method
tf	379.20 ± 0.20	K	NIST Webbook

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hfust	3.22	kJ/mol	379.20	NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C14695693&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

hfust: Enthalpy of fusion at a given temperature

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
tf: Normal melting (fusion) point

Latest version available from:

<https://www.cheméo.com/cid/11-434-7/Boron-tetraethylbis-mu-1H-pyrazolato-N1-N2-di.pdf>

Generated by Cheméo on 2024-04-26 19:36:27.4458345 +0000 UTC m=+16449436.366411811.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.